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WPI Acc No: 2000-217868/200019

XRAM Acc No: C00-066550

XRPX Acc No: N00-164390

Hardened cement product for use as cement flooring and wall tiles comprises epoxy sealer undercoat layer of specific thickness and surface layer, on which surface treatment is carried out

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000044367	A	20000215	JP 9968651	A	1999031	200019 B

Priority Applications (No Type Date): JP 98123626 A 19980506

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000044367	A		9	C04B-041/71	

Abstract (Basic): JP 2000044367 A

NOVELTY - The hardened cement product (11) has an epoxy sealer undercoat (14) and surface layer (16) on which surface treatment is carried out. The epoxy sealer layer has a thickness of 20-500  $\mu$ m.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the manufacture of hardened cement product. A coating emulsion is impregnated on surface of hardened cement product, pressed and dried to form the undercoat. A surface layer is subsequently formed on the undercoat layer. The elasticity of the undercoat layer after drying and hardening, at 25 deg. C is 108-1010 Pa. The coating material is a dispersion of resin liquid in water. The viscosity of resin liquid at 80 deg. C is 10-2-10 Pa.s.

USE - For use as cement flooring and wall tiles.

ADVANTAGE - Generation of efflorescence during curing of hardened cement product is suppressed without using a special curing installation. The surface layer and undercoat layer are strongly adhered to the cement surface.

DESCRIPTION OF DRAWING - The figure shows partially enlarged sectional drawing of hardened cement product. (11) Hardened cement product; (14) Epoxy sealer undercoat; (16) Surface layer.

Dwg. 2/4

JP 2000044367 A

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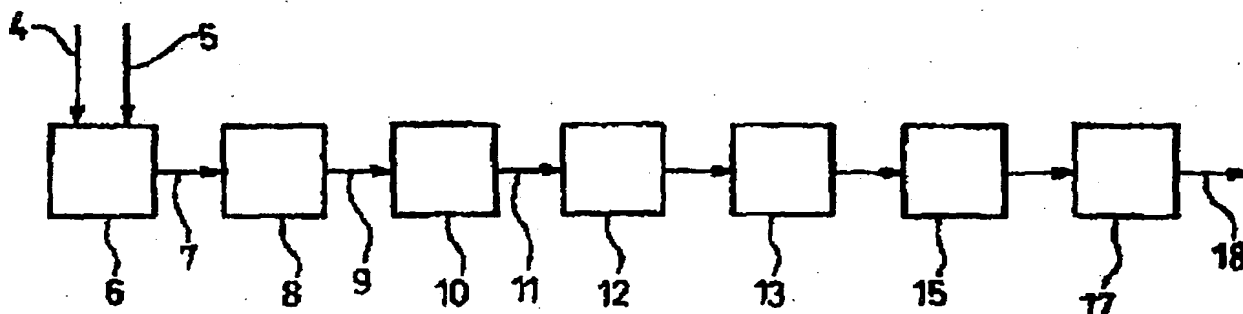
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Dwg. 2/4



Title Terms: HARDEN; CEMENT; PRODUCT; CEMENT; FLOOR; WALL; TILE; COMPRISE; EPOXY; SEAL; UNDERCOAT; LAYER; SPECIFIC; THICK; SURFACE; LAYER; SURFACE; TREAT; CARRY

Derwent Class: A21; A82; G02; L02; P64

International Patent Class (Main): C04B-041/71

International Patent Class (Additional): B28B-011/04; C04B-111-21; C09D-005/00; C09D-163/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A05-A01E4; A07-B04; A11-B05D; A12-B08; G02-A05; L02-D09; L02-D14M

Polymer Indexing (PS):

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\*001\* 018; M9999 M2073; L9999 L2391; L9999 L2073; S9999 S1025 S1014; P0464-R D01 D22 D42 F47

\*002\* 018; M9999 M2073; L9999 L2391; L9999 L2073; P1105-R D01 F07; P1105-R D01 F07

\*003\* 018; ND01; Q9999 Q6848 Q6826; Q9999 Q6893 Q6826; K9676-R; K9698 K9676

\*004\* 018; B9999 B5243-R B4740; B9999 B3554-R; B9999 B5301 B5298 B5276; N9999 N7090 N7034 N7023; N9999 N7147 N7034 N7023; B9999 B5414-R B5403 B5276; K9994 K9483; K9483-R; B9999 B5447 B5414 B5403 B5276; Q9999 Q9007; Q9999 Q7114-R

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\*003\* 018; Q9999 Q7001 Q6995

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\*001\* 018; R01852-R G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50 D76 D86 F24 F29 F26 F34 H0293 P0599 G3623; M9999 M2379-R

\*002\* 018; ND01; Q9999 Q6848 Q6826; Q9999 Q6893 Q6826; K9676-R; K9698 K9676

\*003\* 018; Q9999 Q7001 Q6995

\*004\* 018; Ni 8B Tr; H0157

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